

Charles Carroll Middle School STEP TEAM

- The goal of the STEP initiative is to support student achievement and to assist administrators and school-based teams by integrating technology into instruction.
- Each school chose three to five teachers to attend STEP training. These schools received digital cameras, digital video cameras, a document camera, additional technology resources and training to support the integration of technology in instruction.



Charles Carroll Middle School STEP Team

Mrs. Evelyn Rollins, Administrator

Ms. Joy Long, Science Teacher

Ms. Amity Pope, Special Education Teacher

Mrs. Amanda Willet, Math Teacher

WIKISPACES

What is a WIKI?

A WIKI is a visual page editor that can be used as a word processor. It lets you format text, insert images and files, add widgets, and link to other pages using a simple toolbar. It's a great way to connect, share, and explain information regarding classroom instruction with parents and students. Teachers may find collaborating with one another especially rewarding by integrating some of the uses of a 'wiki spaces' for instructional uses.

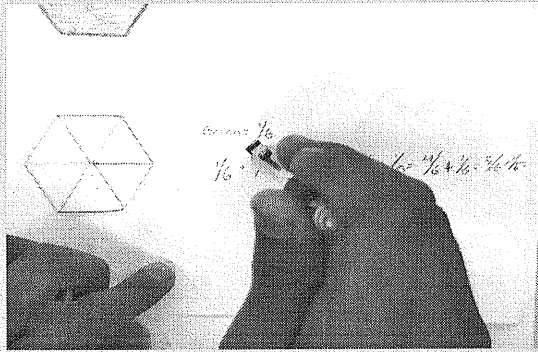
HOW TO SET UP A WIKI SPACE:

1. Go to www.wikispaces.com.
2. Click on the 'Tours' icon at top of page.
3. Choose a 'Tour' to view.
4. Go back to www.wikispaces.com
5. Click on K-12 icon in middle section of page to set up an account.
6. Click on Create a New Wiki and get started!

Using ELMO to Enhance Your Lesson in Any Classroom Setting

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Using the visualizer during class allows you not only to show the work, but to take a photo of it. This gives you the ability to reference back at a later time if necessary.

Uses in the Classroom

- Take live pictures of your students work to show another class
- Find misconceptions in a students work and have another class explain where the person went wrong
- Let the students have a sense of pride in themselves that you want to take a picture of their work
- Show different BCR's that students wrote and allow them to share with other classes
- Doesn't waste time with students re-writing stuff to go upfront since you can put their paper on the screen

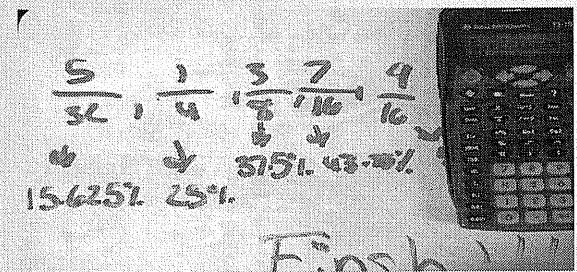
Reflection

Using the ELMO (visualizer) in the classroom allows you to do multiple things. You can project what the student actually wrote and they can explain. I truly enjoyed showing work to another class from a student you wouldn't normally expect it from. I also loved that I could take live work samples to meetings in my building. I could put in

my flash drive and show them exactly how my kids were doing and where we may need improvement.

How to Use Your ELMO as a Digital Camera

- There is a USB cord that comes with the ELMO. You must have that attached to your computer for this to work
- The ELMO has software that must be installed on your computer. The software will allow you to take pictures during instruction
- You may also use the program to draw on the students work through your laptop once you take an image of it. You can highlight key points and circle places where corrections need to be made.
- After that you can save the students work as a PDF and reference it at anytime
- The software has a few other features that you can experiment with as well



Using the visualizer would allow for the students to show their work and even put the calculator on the platform so that the students could see what buttons to use.

Photo Story & Voice Thread

Photo Story & VoiceThread

Make show and tell
cool again!

Photo Story is a great way for students to tell stories using pictures taken by a digital camera.

Voice Thread is tool for having a conversation around media. It is a great way to create interactive lessons online for both in & out of the classroom use.

Teachers can integrate both technologies into their pedagogy to teach, re-teach, give notes, and much, much, more...



HOW TO CREATE A PHOTO STORY!

Download Photo Story 3 from
[http://www.microsoft.com/windows
xp/using/digitalphotography/Photo
Story/default.mspx](http://www.microsoft.com/windows/xp/using/digitalphotography/PhotoStory/default.mspx)

Download pictures taken from any digital camera that will be used in the photo story.

Open the Photo Story 3 software and click the start button.

Highlight 'Begin a new story'. And click NEXT.

Import Pictures and arrange them in the order in which you would like to use them and edit them by clicking the EDIT button.

In the EDIT section you can crop, and text, change color effects and title your pictures. Remember to **SAVE PROJECT** after changes have been made.

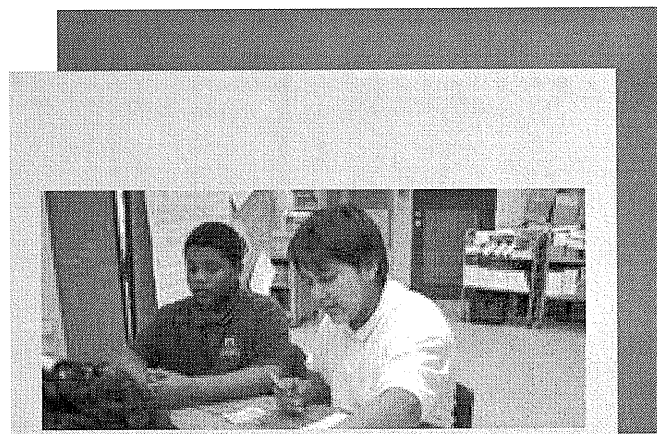
Click NEXT to narrate your pictures and customize motion.

Click NEXT to add background music from a provided music list or MP3, WAV, WMA or WMV, saved on your computer.

Photo Story will automatically adjust the amount of time a piece of music will play in your story. Click NEXT and then OK to preview your story with music.

When you are satisfied with your story, save it as WMV, remember to **SAVE PROJECT** after changes have been made.

Click NEXT to **SAVE** your story for play back on your computer and click NEXT. Your story should build and you can then view it or create another story.



Picture of students creating their Photo Story.

HOW TO CREATE A VOICE THREAD!

1. Go to www.voicethread.com
2. Click on K-12 (right bottom of screen)
3. Create and Account.
4. Click on Create and begin by following Steps 1-3. You will need headphones to record your voice.
5. View the 1-Minute Voice Thread Review for a tutorial on how to follow these steps.
6. Check out the Advanced Tutorial for fancier ways to use Voice Thread.

Program Highlights

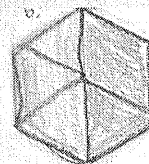
- Being able to network with a great group of teachers and IT specialists to learn new information
- Receiving new equipment for our building
- Being able to show fellow colleagues different ways to use technology in the classroom
- Working with our administration to integrate technology into all aspects of the teaching profession
- Getting to teach our students there are other ways to learn rather than just pen and paper

What We Gained from STEP

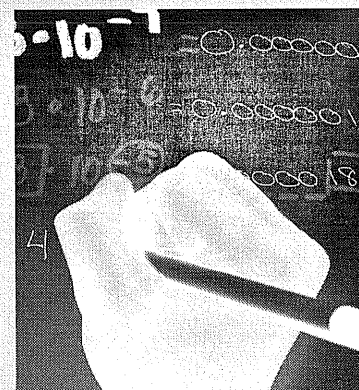
Throughout the course of the year we learned that there are many technological methods of teaching. We all used laptops, LCD projectors, and visualizers in the room; but never realized what else we could use or what could be done with what we already had.

The STEP program allowed us to use ELMO, a digital camera, PhotoStory, and VoiceThread to enhance the learning experience in our classrooms. We were able to let the students explore the school to see where math and science take place. They found erosion outside the building as well as inside the building. They got to walk around and see that math is everywhere. They were amazed that all things are made out of shapes and that there are angles all over the place.

The technology that we used in the classroom gave us as educators the opportunity to expand our teaching craft. We learned that just using the visualizer is not helping the students. Being able to take photos of their work and manipulate it using the ELMO allowed us to show other classes and to help the students see what they did correctly as well as incorrectly.



$$\frac{2}{6} \times \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{5}{6} \times \frac{6}{6}$$



Student Thoughts on the Program and Technology

"The ELMO is a great way to show work. I hate having to write it again on the board. Mrs. Willet let's us show off our skills in math class"

~ Phyllis Arthur-Williams

"Ms. Long let us take pictures all around the building of erosion. She trusts us a lot."

~Chris Glenn

"Using the VoiceThread was really cool when I got to show Ms. Pope what was going on. I like the new technology in the class."

~ Kenneth Chloe